

Investigation of Interaction of an Electron
Beam With a Plasma, by I. F. Kharchenko,
Ya. B. Fainberg, R. M. Nikolayev, E. A. Kornilov,
E. I. Lutsenko, N. S. Fedenko, 19 pp.

RUSSIAN, bk, Issledovanie Vzaimodeistriya
Elektronnogo Puchka s Plasmoi, 1959. 9072277

ABC Tr-4181

Sci - Phys
24 Feb 61

141,044

The present state of the Chinese land and water
resources, by M. A. Nikolayev, L. N. Vokhobova.
27 pp.

RUSSIAN, par, Geografiya i Ekol, No 6, 1960,
pp 34-44.

New Geograph Soc

USSR
Geography
Nov 60

THE NEW GEOGRAPHY

1960

THE INCREASE OF LABOR PRODUCTIVITY AT THE
 FARMERS' MARK, BY A. I. BUKHARIN,
 A. M. IL'IN, G. P. BUKHARIN, 5 PP.

RUSSIAN, FEB, SOVIET ECON, 1963, PP 7-9.

JUN 1963

RUSSIAN
 JUN 63

234,227

An Analysis of Heat-Induced Oscillations as a ¹⁰³
Function of Temperature Change, by S. A. Nikolayev,
S. II.

RUSSIAN, rpt, Aspirantskikh Rabot, Matematika
Mekhanika Fizika, 1964, pp 178-180.
AKA/PTE/RT-23-115-69

S. A. Nikolayev

Sci/Phy
NOV 69

305,531

62
Intensification of a Pressure Wave in a Combustion
Zone, by S. N. Nikolayev, 6 pp.

RUSSIAN, per. Cheboksary Chuvashskiy Gosudar-
stvennyy Pedagogicheskii Institut, Uchenyye
Zapiski, No 20, 1964, pp 12-17. P100185168-1
FTD-MI-23-74-68

S. N. Nikolayev

Sci/Chem

Aug 68

204,419

143
Intensification of a Pressure Wave in a Combustion Zone, by S. N. Nikolayev.

RUSSIAN, per. Uch zap Chuvstvitel'nos' pod in-t.
Vol 20, 1964, pp 12-17.

*FTD-HT-23-34-68

Sci-Tech Engr
Jan 68

~~S. N. Nikolayev~~
N. K. Ryzov

Guide Around Vladivostok, by S. N. Nikolayev,
27 pp.

RUSSIAN, b, Putevoditel' po Vladivostoku,
1960, ~~XXXXXX~~ pp 3-72. (Call No Despatch No
207-61)

Army Map Service

USER
Geog
Jan 63

219,818

1950

Experience of the Organization of Hydroelectric
logical Servicing of the Construction of the
Leningrad Hydroelectric Station, by L. M. Berlin,
S. V. Nikulayev, 9 pp.

RUSSIAN. per. Not 1 Qid, No 1, Leningrad, 1950,
pp 48-50.

US JPRS 47 1-565-8

Sci. - Geophysics
Jan 59

78,307

Floating Dredge With Automatic Controls, by S. V.
Nikolayev, 26 pp. UNCLASSIFIED

RUSSIAN, 10 pp., Byal Tekhnik Informatsii, No 9,
Moscow, 1957, pp 73-75.

US JPRS/DT-790

(NY-1681)

USSR

Recon - Construction Machinery

Oct 58

75, 736

Naval Minemen, by V. Nikolayev, V. Romanovskiy,
163 pp.

RUSSIAN, bk, Morskaya armiya, 1957, pp 3-151.
Dept of Navy NTC Tr-3169

V. Nikolayev
Sci-Mav
Feb 71

J-4760(AZ)

(1X-3122).

"Both God and the Devil," by V. Nikolayev, 2 pp.

RUSSIAN, np, Moskovskaya Pravda, 6 Sep 1959,
p 4.

JPRS - 1046-D

USSR

Soc - Religion - Anti-Religion

Oct 59

The Modern Reactive Weapon, by V. Nikolayev, 6 pp.

RUSSIAN, par, Voennoye Znaniya, No 9, 1958,
pp 27, 28, 966262 0

AF 1255949

Sci - Space Re

USBR
MLL

Sep 59

104,514

SERIOUS SHORTCOMINGS IN TURKISH COTTON GROWING,
BY Y. HINCLAY, 12 PP.

RUSSIAN, PER, KOLYMOVOSTVO, VOL XIII, NO 6,
1962, PP 1-6.

JUNE 21/62

USSR
ECON

JUL 63

237.25

The Mechanism and Effectiveness of the Action
of Surface-Active Agents in the Displacement
of Oil from Porous Media, by V. A. Nikolayev
and M. K. Gerasimov,
MOSKOV. PER. IZV. VUZ Khim. i Mekh., Vol. VII,
No. 11, 1964, pp. 59-63.

AKS 10-1470

ATS-74R74R V. A. Nikolayev

AKS 10-1470 Prof. T. T. T. T.
AKS 10-1470

321,0000

Aerial Photography as a Method for the Complex
Study of the Landscape of Semi-deserts and
Dry Steppes, by V. A. Fikolayev, 63

Z. G. Ryabtsova. 22 pp.

RUSSIAN, rpt, Akad Nauk SSSR, Laboratoriya

Aerofotodoy Prirodoznaniya Aerofotov v land-
shaftnykh issledovaniyakh, 1961, pp 105-119.

AM/NSIC/RT-23-507-68

V. A. Fikolayev

Sci-Ear Sci
Nov 69

395,931

(FDD 25353)

Brucellosis, by V. A. Nikolayev, 446 pp.

RUSSIAN, bk, Brutsellez, Moscow/Leningrad, 1954.
pp 3-270

CIA/FDD/U-7597

33,340

USSR

Sci - Medicine, brucellosis

(NY-71284)

CARTOMETRIC STUDY OF LANDSCAPES, BY
V. A. NIKOLAYEV, CHAN MU-TUNG, 11 PP.

RUSSIAN, PER, VEST MOSK UNIV., SER V, GEOGRAF,
NO 2, 1961, PP 3-9.

JPRS 14463

SCI - GEOPHYS
JUL 62

203,699

**Experimental Study of Electron Loss by Multiply
Charged Ions in Gases, by I. A. Dmitriev, V. A.
Nikolayev, 7 pp**

**RUSSIAN, per, Zhur Eksp. i Teoret. Fiz., Vol XLII, No 1
1962, pp 16-26**

**AIP
Sov Phys-JETP
Vol XV, No 1**

**Sci
Jul 62**

214,671

(NY-6620)

Landscape and Specialized Physico-Geographical
Cartography in a Composite Expedition, by V. A.
Nikolayev, 13 pp.

RUSSIAN, per, Metody Geograf Issled, 1960,
pp 82-89.

JPRS 10095

Sci - Geophys'

172, 116

Oct 61

Recent Tectonics of the Western Part of the
Caspian Depression, by V. A. Nikolayev, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 4,
1957, pp 885-888.

Consultants Bureau

Sci - Geophysics
Jul 58

66,716

Vaccination of Pigs Against Brucellosis as a
Supplementary Measure in the Struggle Against
the Infection, by V. A. Nikolaev

RUSSIAN, per, Veterinariya, Vol XXX, No 12,
Dec 1953, pp 16-19.

USDA

11,507

Scientific - Biology
CIS/DEX

March Plenum of the Central Committee of the CPSU
and the Tasks of Chemical Machine Building, by
V. B. Nikolayev, A. V. Pleykin, 10 pp.

RUSSIAN, per, Khimicheskoye Mashinostroyeniye,
No 4, July-Aug 1962, pp 1-3.

JPRS 15689

215,815

USSR
Econ
Sci.-Engn
Oct 62

Allotropic Modifications and Solid Solutions of
Phosphorus, by V. I. Nikolayev, 8 pp.

RUSSIAN, per, Zhur Fiz Khim Obshchestra, Vol LX,
1928, pp 1045-1051.

SLA/R-2593

Sci
Apr 59

84, 887

On the Combined Action of Caffeine and Strophanthin, by V. V. Gatsura and V. I. Nikolaev, 5 pp.

RUSSIAN, no per, Byul Eksper Biol i Med, Vol XLI, No 11, 1956, pp 38-41.

Consultants Bureau

Sci - Med

59,575

Mar 58

V.
Nikolaev, V.I.

DETERMINATION DE LA COMPOSITION DES PHASES
SOLIDES DE SYSTEMES QUADRUPLÉS A L'EQUILIBRE
(Determining the Composition of Solid Phases of Equili-
brious Quadruples Systems). 9p. 2refs, CNRS-VIII bis
536.

Order from OTS, ETC or CNRS \$0.80 TT-62-28311

Trans. in French of Akademiya Nauk SSSR. Doklady,
1939, v.24, no.6, p.556-558.

DESCRIPTORS: *Phase studies, Solids, Chemical equi-
librium, Sodium compounds, Magnesium compounds,
Chlorides, Sulfates, Water.

(Chemistry--Physical, TT, v. 11, no. 6)

TT-62-28311

- I. Nikolaev, V.I.
- II. CNRS-VIII bis 536
- III. Centre National de la Recher-
che Scientifique, Paris

Office of Technical Services
European Translations Centre

Nikolaev, V. I. and Petrova, E. M.
OBTAINING BROMINE FROM SYLVINITE MOTHER
LIQUORS. [1963] 5p. 1 ref.

Order from OTS or SLA \$1.10

63-14592

Trans. of Kalii (USSR) 1935, no. 8, p. 18-19.

DESCRIPTORS: Bromine, Preparation, Potassium
compounds, Oxides, Chlorides, Bromides, Solutions.

For abstract see chemical abstracts 30:1188, 1936.

{Chemistry--Inorganic, TT, v. 10, no. 4}

63-14592

1. Title: Sylvinitre
I. Nikolaev, V. I.
II. Petrova, E. M.

Office of Technical Services

Preparation of Potassium Nitrate by Double
Decomposition of Potassium Chloride with
Nitric Acid at Low Temperatures and Concen-
trations of Nitric Acid, by V. I. Nikolayev
and A. G. Kogan, 15 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Ser Khim. 1995.
pp 965-969.

SLA R-2576

Doc

Aug 58

72,967

The Quaternary System: $K_2O-H_2O_5-H_2Cl_2-H_2O$,
by V. I. Nikolayev, N. G. Dombrovskaya, 8 pp.

RUSSIAN, per, Zhur R. F. Kh. 10, Vol XXXI,
No 8, pp 1251-1257.

SLA 57-1517

Jul 58

69,990

A RESEARCHING REPORT ON INTERNATIONAL RELATIONS AND
PUBLIC ADMINISTRATION, BY T. I. HARRISON, 3 PP.

RESEARCH, FOR OFFICIAL USE ONLY. 1. HARRISON, T. I.
VOL. 101, NO. 1, 1962, PP. 1-3.

AND 10-17

SCI - 100
101 6

235.96

Kinetics of Ion Exchange on Vermiculite
By V. M. Nikolaev, V. P. Bagretsov pp. 5

RUSSIAN, per, Zhur Prik Khim, Vol. XXV, No 11, 1962,
pp. 2414 - 2419

CB

Sci

240-930

Oct 63

(SF-1073)

Jubilee Conference of the Black Sea Experimental
Scientific Research Station of the Institute of
Oceanology of the USSR Academy of Sciences, by
N. A. Aybulatov, V. P. Nikolayev, 9 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geograf, No 4,
1960, pp 139-142.

JPRS 4105

Sci - Geophys
Oct 60

131,102

On the Determination of Molecular Volumes in Solutions
by the Use of Polarized Luminescence, by E. D.
Zhevandrov, V. P. Nikolayev, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIII,
No 5, 1957, pp 1025-1027.

Amer Inst of Phys
Sov Phys-Doklady
Vol II, No 2

Sci - Physics
Feb 1958

58,166

On the Measurement of the Angular Distribution of
Submarine Irradiance, by V. P. Nikolayev, A. A.
Zhil'tsov, 9 pp.
RUSSIAN, per, Gidroopticheskaya Issled, Trudy
Instituta Okeanologii AN SSSR, pp 102-109.
JPRS 36816

V. P. Nikolayev.

Sci - ES/A
Aug 66

300,569

On the Problem of the Attenuation of a Collimated
Light Beam in the Sea, by M. R. Melikurgin, V. P.
Nikolayev, 6 pp.

RUSSIAN, per. Gidroopticheskaya Issled, Trudy
Instituta Okeanologii AN SSSR, pp 98-101.

JPRS 36816

V. P. Nikolayev

Sci - ES/A
Aug 66

300,545

Some Results of the Destruction of Rocks by Means
of a Pulsed Water Jet, by B. V. Voytsakhovskiy,
V. P. Nikolayev, et al, 8 pp.
RUSSIAN, per, Izvest Sibirskogo Otdel Ak Nauk SSSR,
Seriya Tekh Nauk, No 1, (2), pp 7-11.

JPRS 237119

Sci - Engr
Mar 64

252, 488

92

Wiscous Hyperbolic Flow with Para-
bolic Initially Symmetric Shock, by
L. S. Nikol'skiy, 12 p.

Usslobov, per. Akademi Nauk SSSR,
Izvestiya Mekhanika i Mashinostro-
eniya, no 6, 1964, pp 48-52.

00000000

REF ID: A-7-3-63-10

V. L. Nikol'skiy

001-00000

per 64

207,799

139
Viscous Hypersonic Flow Past a Slender Cone,
by V. S. Nikolayev,
RUSSIAN, ppr. Inzh. Zh., Vol II, No 3, 1962,
pp 9-13. P910168467
NASA TT F-485

Sci-Phys
Jul 67

332,871

140

Viscous Hypersonic Flow After a Parabolic
Axially Symmetric Shock, by V. S. Nikolayev.

8 pp.

RUSSIAN, per, IZ AN SSSR Mekhanika i
Mashinostroyeniye, No 6, 1964.

pp 48-55 P100171667

FTD MT 65-325

V. S. Nikolayev

327,320

Sci-Ply
Jun 67

Change in the Charge of Different Ions as A Result of their Interaction With Residual Gas, by V.S. Nikolayev, I. S. Dmitriev, 5pp

RUSSIAN, DOE, In All-Union USSR, Seriya Fiz, Vol XXVI No 11, 1968, pp 2455-2458.

CTT

245,067

Sci
Nov 63

Experimental Investigation of Electron Capture by
Multiply Charged Ions, by V. S. Nikolaev, I. S.
Dudtchikov, L. N. Fateyeva, 8pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XL, No 4,
1961, pp 989-1000.

AIP
Sov Phys - JETP
Vol XIII, No 4

169, 476

Sci
Sep 61

Viscous Hypersonic Flow Past a Slender Cone,
by V. S. Nikolayev.
RUSSIAN, per, Dokl Ak. Vol II, No 3,
1962, pp 9-13.
*NASA TT P-25527

Phys
Mar 67

Gil'm. Khayretovich Kanny, by A. D. Nikolskiy, 1961.
Nikolskiy. 9 pp.

RUSSEAN, per, Zhur Obolch Khin, Vol XXII, 1961.
pp 2085-2090.

JPRS 10906

USSR

Biog

Dec 61

Hypersonic Viscous Flow Around a Slender Cone, by
V. S. Nikolayev, 6 pp.

RUSSIAN, per, Inzh NI ZBar, Vol II, No 3, 1962,
pp 9-13.

CIA/FRD IX-1308
NOT RELEASABLE TO FOREIGN NATIONALS
USIS INTERNAL USE ONLY

Sci - Phys

Dec 62

217,260

On the Interaction Between Lithium Ions and Matter
by Ya. A. Teplova, I. S. Dmitryev, V. S. Nikolayev
L. H. Pstoyeva, 4 pp.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz, Vol XXI
No 5, 1957, pp 974-978.

Amer Inst of Phys
Sov Phys-JETP
Vol V, No 5

Sci - Phys

Mar 58

59,461

Investigation of the Equilibrium Charge Distribution
in a Fast Ion Beam, by V. S. Nikolayev, I. S.
Dmitriyev, L. N. Fateyeva, et al, 7 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXIX,
No 4 (10), 1960, pp 905-914.

AIP
Sov Phys - JETP
Vol XII, No 4

Sci

Jun 61

158, 420

Range and Specific Ionization of Multicharged
Ions, by Ya. A. Teplova, V. S. Nikolayev, I. S.
Dmitriyev, L. N. Fateyeva, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXIII,
No 7, 1959, pp 894-897.

Columbia Tech

Sci

Oct 60

129,348

Slowing Down of Multicharged Ions in Solids and Gases,
by Ya. A. Teplova, V. S. Mihalayev, 11 PP

RUSSIAN, per, Zhur Ekspert i Teoret Fiz, Vol XLII,
No 1, 1962, pp 44-60.

AIP
Sov Phys-JETP
Vol XV, No 1

Sci
Jul 62

214,674

GIL'IN, Nikolayevich. Kalya, by A. D. Nikolayevich, 1977.
 Nikolayev, 9 pp.

RUSSETT, J. R. (John Charles Rine), 1911-1977.
 by COLF-RUSSETT.

TPRS 10/20/77

11/11/77

USOR

Biog.

Dec 61

Spatial Distribution of the Penetrating Particles in
Atmospheric Showers of Cosmic Rays, by L. Kh. Eidus,
M. L. Adamovich, I. A. Ivanovskaya, V. S. Nikolaev,
K. M. E. Tulyankina

Full translation.

RUSSIAN, per, Zhur Ekaper i Teoret Fiz, Vol XXII, No 4,
1952, pp 440-447.

AEC Tr 1589

Scientific - Nuclear Physics

Jun 53 CTS/DEX

3158

Equilibrium Distribution of Nitrogen Ion Charges, by
V. S. ~~Nikolayev~~, L. N. Fateyeva, I. S. Dmitryev, Ya.
A. Teplova, 3 pp.

RUSSIAN, as per Zhur Ekaper i Teoret Fiz, Vol XXXII,
No 5, 1957, pp 965-968.

Amer Inst of Phys
Sov Phys-JETP
Vol V, No 5

Sci - Phys

Mar 58

59,459

Range and Specific Ionization of Multiply-
Charged Ion in a Gas, by Ya. A. Teplova, U. S.
Nikolayev, I. S. Dmitryev, L. N. Fateyeva, 7 pp.
RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXIV,
No 3, 1958, pp 559-568.

Amer Inst of Phys
Sov Phys - JETP
Vol VII (34), No 3

Sci .. Physics

Oct 58

75-403

Equilibrium Distribution on Charges in a Beam
of Ions of Light Elements, by V. S. Nikolayev,
I. S. Dmitryev, L. N. Pateyeva, Ya. A. Teplova,
6 pp.

RUSSIAN, per, Zhur Eksp. i Teoret. Fiz., Vol.
XXXIII, No 6(12), 1957, pp 1325-1338.

Amer Inst of Phys
Sov Phys-JETP
Vol. 6(33), No 6

Sci - Physics
Aug 58

68, 682

Military-Technical Review, by V. Nikolayev, 4 pp.

RUSSIAN, np, Krasnaya Zvezda, 15 May 1959, p 4.

USSR-MIL

USASIA: SC-103/59

Sci - Electronics
Feb 60

103 739

A Rule for the Laminar Flow of the Viscous
Incompressible Fluid in Narrow Crevices With
Smooth Movable Surfaces, by N. I. Mikhayev,
V. V. Nikolayev, 5 pp.

RUSSIAN, per, Zhur Tekh Fiz, Vol. XXVIII, No 2,
1958, pp 429-432.

Amer Inst of Phys
Sov Phys - Tech Phys
Vol III, No 2

Sci - Phys
Dec 58

66, 644

The Influence of Viscosity and Temperature of the
Liquid on the Accuracy of the Volumetric Meter, by
V. V. Nikolayev.

RUSSIAN, no per, Neft Khoz, Vol. XXXIV, No 12, 1956,
pp 46-52.

Tech and Comm
\$50.00

Sci - Physics
Aug 57

51,016

Silicon Carbon, by V. Yu. Nikolayev,
V. I. Kamatochkin, 22 pp.

RUSSIAN, per, Trudy Inst Khimicheskikh
Tekhnologiy, Iz Ak Nauk SSSR, Vol XVIII,
1962, pp 135-148. 9669353

FEB-12-63-350

Bell-Memo
July 63

235,834

39
Extracts from the Russian Serials Section,
by the Russian Serials Section,
Russian Serials Section, Vol. XXX, No. 1,
1954, pp. 1-10.
JPRS 15000

Ref- B. B. B.
Aug 54

248,242

Machines for Winding Rotors and Stators Having
External Slots, by V. P. Chumakov, Ye. N. Nikolayev.
(AP-1011298)

RUSSIAN, per, Sovremennyye Voprosy Tekhnologii
Sbornik v Priborostroyeni, No 27, 1956, pp 99-107.
CIA 610351

ATTC P-TS-9236/V

Sci - Engineering

107,550

General Classification of Winding Machines Employed
in Instrument Manufacture, by Ye. N. Nikolayev,
V. P. Gerasimov, (AP-1011298).

RUSSIAN, per, Sovetskoye Voprosy Tekhnologii
Sbornik v Prihorostroyenii, No 27, 1956, pp 93-98.
CIA 610351

P-40
APR 2 9 23 6/T

Sci - Engineering

107,549

General Classification of Winding Machines Employed
in Instrument Manufacture, by V. P. Gumatov, Ye. N.
Nikolayev. (AP-1011298)

RUSSIAN, per, Sovremennyye Voprosy Tekhnologii Sbornik
v Priborostroyenii, No 27, 1956, pp 72-92.
CIA 610351

AFIC: F-TS-9236/V

Sci - Engineering

Feb 60

106,626

What Is Allen Dulles Afraid Of?, by Yu. Nikolayev.

RUSSIAN, np, Za Vozvrashcheniye na Rodinu, No 47 (342),
Jun 1959.

*TO BE DONE IN BU

NORamer - US

Pol

28/9/59

BU

Automatic Input and Oceanographic Data Processing
by the "Ural-2" Computer, by R. B. Ushakov and Y. V.
Nikolayev, 1 pp.
RUSSIAN, 1964, Trudy Instituta Okeanologii, Vol. XXXV,
1964, pp. 69-72.
JPRS 30033

USSR
Sci-Mech/DP
May 65

211, 75

Spatial Distribution of γ -rays and Moderated
Neutrons in the Graphite Column of the RFT
Reactor, by V.S. Berezin, L.V. Groshev, V.S.
Dikarev, M.B. Egiazarov, E.N. Korolev, V.G.
Madeliev, Yu. G. Nikolaev, 6 pp.

RUSSIAN, per, Atomnaya Energiya, Vol 11, No 2,
1957, pp. 118-122.

Consultants Bureau

Sci - Nuc Phys

Jun 58

65,005

A 2000 Kilowatt Thermal Power Nuclear Reactor
for Research Purposes, by Y. G. Nikolayev.

RUSSIAN, paper P/622, Proceedings of International
Conference on Peaceful Uses of Atomic Energy Held
at Geneva, 8-20 Aug 1955, Vol II.

Internatl Conf -- UN

Sci - Nuclear Physics

Apr 57

43, 78/
CIA 1-669.9.162

The Experimental Nuclear Reactor With Ordinary
Water and Enriched Uranium, by Y. G. Nikolayev.

RUSSIAN, paper P/621, Proceedings of International
Conference on Peaceful Uses of Atomic Energy Held
at Geneva, 8-20 Aug 1955, Vol II.

Internatl Conf -- UN

Sci - Nuclear Physics
Apr 57

45,780
CIA 1-669.9.162

3-90/62

Rockets Fly on Course, by M Yu. Nikolayev,
(DC-66550)

RUSSIAN, mp, Ekonomicheskaya Gazeta, No 10,
9 Oct 1961, p 37.

*JIRS

Sci - Space Res
I 23 Feb 62

A Flame Is Tamed, by Yu. Nikolayev, 4 pp.

RUSSIAN, np, Sovetskaya Rossiya, Aug 16,
1961, pp 3. 9576535

FTD-TT-62-275

Sci - Space/Res

3 May 62

194, 092

The Theory of the Transient (Unsteady) States of
Gas Turbine Engines, by Yu. P. Nikol'skiy.

RUSSIAN, (pt), In: *Aviatsiya i Kosmonavtika*, 1975, No. 5, pp 92-99.

NTIS/5.9884

1710, 1711

Sci - Physics

Dec 63

(NY-5531)

An Experiment in Evaluation-Dietetic Therapy for
Chronic Alcoholism, by Yu. S. Nikolayev, V. M.
Nikolayeva, 3 pp.

RUSSIAN, ^{bk} ~~pp~~, Alkogolizm, 1959.

JPRS 7947

Sci - Med

150,732

May 61

(SF-1879)

The Riga Conference on Heterogeneous
Catalytic Oxidation of Organic Compounds,
by Yu. T. Nikolayev, 5 pp.

RUSSIAN, per, Kinetika i Kataliz, Vol II,
Sep 1961, pp 803-805.

JPRS 13476

191,329

USSR Sci - Chem

Apr 62

Liquid-Phase Contact-Catalytic Oxidation of
Organic Compounds on Noble Metals. I. Oxida-
tion of Monophenyl Ether of Ethylene Glycol to
Phenoxyacetic Acid, by I. I. Yoffe, Yu. T.
Nikoleyev, L. S. Brodsky, 4 pp.

RUSSIAN, per, Kinetika i Kataliz, Vol I, No 1,
1960, pp 125-128.

C3

158, 139

Sci
Jul 61

An Automatic Cascade Device for Producing Highly
Concentrated Heavy Nitrogen Isotope, by I. G.
Ovordaiteli, Ya. V. Nikolayev, 7 pp.

RUSSIAN, per, Atom Energi, Vol 11, No 5, 1961,
pp 487-492.

CB

Sci

Jul 62

204,321

Coefficients of Enrichment For Chlorine and Sulfur
Isotopes in Liquid -- Vapor Equilibrium for Cl_2 ,
 HCl , CH_3Cl , H_2S , and SO_3 by I. G. Overtitel',
T. A. Gagua, Yu. V. Nikolayev, 3 pp

RUSSIAN, per, Atom Energ, Vol IV, No 3, 1958,
pp 294-295

Consultants Bureau

Sci - Nuclear Phys

Feb 59

80,904

DETERMINATION OF SMALL CONCENTRATIONS OF
FANTHATES IN INDUSTRIAL EFFLUENT LIQUIDS, BY
YU. YU. LONQ'VE, Z. V. MINOLJENNA.

RUSSIAN, PER, ZAVOD LAB, VOL XXII, NO 1, 1956,
PP 30-33.

ALL RYS 2007

SCI - CHEN

OCT 62

214,760

61-20146

Nikolaeva, A. F., Tatevskii, V. M. and Frost, A. V.
CATALYTIC [ACTION] OF [ACTIVE] ALUMINOSILICATES. IV. CONVERSION OF CYCLOHEXENE OVER ACTIVATED CLAY. [1961] 4p. 7 refs.
Order from OTS or SLA \$1.10 61-20146

- I. Nikolaeva, A. F.
- II. Tatevskii, V. M.
- III. Frost, A. V.
- IV. Title: Conversion ...

Trans. of Zhurnal Obshchei Khimii (USSR) 1945, v. 15, p. 796-798.

DESCRIPTORS: Aluminum compounds, Silicates, Catalysts, *Cyclohexenes, *Clays, Chemical reactions, Hydrocarbons, Catalysis.

It was established that the action of aluminosilicates on cyclohexene differs in its mechanism from the action of metals, which bring about an irreversible catalytic conversion, as described by N. D. Zelinskii. The absence of benzene in the light fractions of the (Chemistry--Organic, TT, v. 7, no. 2) (over)

15565

Office of Technical Services

61-16650

Nikolaeva, A. F. and Frost, A. V.
MECHANISM OF CONVERSION OF CYCLOHEXANE
TO HEXANES DURING HYDROGENATION OVER
MOLYBDENUM SULFIDE. [1961] 3p. 4 refs.
Order from OTS or SLA \$1.10 61-16650

I. Nikolaeva, A. F.
II. Frost, A. V.

Trans. of Zhurnal Obshchei Khimii (USSR) 1942, v. 12,
p. 646-648.

DESCRIPTORS: *Cyclohexanes, *Hydrogenation,
Molybdenum compounds, Sulfides, Hexanes, Chemical
reactions.

Hydrogenation in the presence of molybdenum sulfide
converts cyclohexane into hexanes through the inter-
mediate stage of formation of methylcyclopentane.
(Author)

Office of Technical Services

(Chemistry--Organic, TT, v. 6, no. 7)

61-16639

I. Nikolaeva, A. F.

Nikolaeva, A. F.
HYDROGENATION OF METHYLCYCLOPENTANE
AND CYCLOHEXANE UNDER HYDROGEN PRESSURE.
[1961] 6p. 14 refs.
Order from OTS or SLA \$1.10

61-16639

Trans. of Zhurnal Obshchei Khimii (USSR) 1942, v. 12,
p. 240-245.

DESCRIPTORS: *Hydrogenation, *Cyclopentanes,
*Cyclohexanes, Hydrocarbons, Hexanes, Methyl
radicals.

Hydrogenation of methylocyclopentane at 400° and an
initial hydrogen pressure of 140 atm in the presence
of molybdenum sulfide brought about a conversion of
this hydrocarbon to normal hexane, isohexane and 3-
methylpentane. Simultaneously with hydrogenation,
isomerization of methylocyclopentane occurred, forming
cyclohexane. Investigation of the products of hydro-
genation of cyclohexane revealed that with increase of
(Chemistry--Organic, TT, v. 6, no. 7) (over)

Office of Technical Services

Nikolaeva, A. F. and Frost, A. V.
CATALYTIC ACTION OF ACTIVE ALUMINO-SILI-
CATES. III. CONVERSION OF HEXENE OVER ACTI-
VATED CLAY. [1961] 3p. 3 refs.
Order from OTS or SLA \$1.10

61-16898

Trans. of Zhurnal Obshchei Khimii (USSR) 1943, v. 13,
p. 733-735.

DESCRIPTORS: *Cyclohexenes, Catalysis, Clays,
Aluminum compounds, *Silicates, Catalysts.

61-16898

I. Nikolaeva, A. F.
II. Frost, A. V.
III. Title: Conversion...

Office of Technical Services

(Chemistry--Organic, TT, v. 6, no. 7)

Study of the System Uranyl Nitrate-Water-Nitric
Acid-Tributyl Phosphate in the Region of Phase
Separation, by A. V. Nikolayev, I. I. Yakovlev,
5 pp.

RUSSIAN, per, Dok Akad Nauk USSR, Vol E CXLV, No 5,
1962, pp 1064. 9208268

AEC-TT-5766

Sci - Russ Sci

234,286

Jun 63

New Methods of Welding and Cutting, by L. L.
Silin, A. V. Nikolayev, G. N. Klebanov, 7 pp.

RUSSIAN, per, Svaroch Proiz, No 12, 1960,
pp 34-37.

BWRA

Sci

181,036

Jan 62

Purification of Bacterial Asparaginase by
Chromatography on a Carboxymethylcellulose
Column, by A. Ya. Nikolayev and S.R. Marda-
shev, 8 pp.

RUSSIAN, per, Biokhimiya, Vol XVII, No 2,
1962, pp 330-338.

CB

Sci

Feb 63

255,127

An Insoluble Active Compound of Asparaginase
with Carboxymethylcellulose, by A. Ya. Nikolayov,
S. R. Mardashev, 3 pp.

RUSSIAN, per, Biokhim, No 4, 1961, pp 641-645.

CB

Sci

Mar 62

187,830

Application of Tritium to Welding and Radiography
With Tritium, by B. I. Bruk, G. I. ~~5222~~ Nikolayev,

RUSSIAN, bk, Metallurgiya i Metallovedenie, 1958,
pp 535-544.

AEC NP Tr-448

Sci - Min/Met
27 Oct 60

136,781

Organization of Joint Antiaircraft Defense
by NATO, by E. Nikolayev, 4 pp. UNCL

RUSSIAN, np, Sovet Aviatziya, 4 Feb 1960, p 4.

AF 1419467

USBR
M11 -
Mar 60

111, 927

Properties of Complex Fluorides of Lanthanum
Rhenium, by E. G. Ippolitov, N. S. Nikolayev
6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim
Fiz., No 5, 1962, pp 748-754.

CB

Sol.

Mar 63

Investigation of the loss of Several Electrons by Fast
Multiply Charged Ions, by I. S. Dmitriev, V. S.
Nikolayev, 6 pp.

RUSSIAN, per. Zhur Eksper i Teoret Phys, Vol XLIII,
No 2, 1962, pp 361-369.

Amer Inst of Phys
Sov Phys - JETP
Vol XVI, No 2

Sci

233, 235

Feb 63

Capture of Several Electrons by Fast Multicharged
Ions, by V. S. Nikolavov, L. N. Potayeva, I. G. ...
8 pp.

RUSSIAN, por, Zhur Eksper i Teoret Fiz, Vol XIV,
No 1, 1961, pp 89-99.

AIP
Sov Phys - JETP
Vol XIV, No 1

Sol

188, 132

Mar 62

Rockets Fly on Course, by Yu. Nikolayev, 13 pp.

RUSSIAN, np, Ekonomicheskaya Gazeta, No 10,
1961, p 37.

JPRS 12784

Sci - Space Res
Mar 62

187,886

(DC-6575)

The Moisture Content of Table Salt, by E. I. Akhmedov,
E. I. Nikolayeva, 4 pp.

Full translation.

RUSSIAN, no per, Zhur Prii Khim, Vol XXVII,
No 5, 1954, pp 480-484. CIA C 39521

Consultants Bureau

Scientific - Chemistry
Nov 55 CTS/DEX

28,385

Study of the Bactericidal Properties of Uviol
Lamps, by M. K. Polik, E. Ya. Nikolayeva.

RUSSIAN, per, Trudy Gosudarstvennogo Nauchno-
Kontrol'nogo Institut Veterinarnykh Preparatov,
Vol VII, 1957, pp 284-289. CIA 9042900

USDA

Sci - Medicine
Oct 59

98,922

Determination of Uranium by Means of Potassium
Iodate, by E. S. Pracheval'skiy, E. R. Nikolayeva,
N. I. Udal'tsova, 4 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XIII, No 5,
1958, pp 567-569.

Consultants Bureau

Sci - Chem
Aug 59

93, 777